## 401 Water Quality Certification of Utility Line Backfill and Bedding

- \* Applications for utility line activities impacting surface waters of the Commonwealth must include the following listed information and/or a completed table to expedite the review process:
  - 1. A detailed project description.
  - 2. A large scale map showing the entire route of the project.
  - 3. The proposed route of the project on 8 ½ by 11-inch copies of 7.5-minute United States Geological Survey (USGS) quadrangle maps, national wetland inventory maps, published soil survey maps, scaled aerial photographs, and/or other suitable maps. Clearly mark and number the location of each proposed utility line crossing and/or appurtenant structure(s) impacting surface waters of the Commonwealth on the map. Pictures should also be taken at all of the crossing locations. Surface waters is defined as those waters having well-defined banks and beds, either constantly or intermittently flowing; lakes and impounded waters; marshes and wetlands; and any subterranean waters flowing in well-defined channels and having a demonstrable hydrologic connection with the surface. Lagoons used for waste treatment and effluent ditches that are situated on property owned, leased, or under valid easement by a permitted discharger are not considered to be surface waters of the commonwealth (401 KAR 10:001 Chapter 10, Section 1(80).
  - 4. Each proposed crossing impacting surface waters should be included in Table 1 including utility lines [trenching, directional boring/horizontal directional drilling, pipe bursting, and pipe lining or Cured-in-place (CIPP)], access roads, headwalls, associated bank stabilization areas, substations, pole or tower foundations, maintenance corridor, and staging areas.
  - 5. The following site specific information should be provided when applicable:
  - a) Surface water name/ID, county, 14 Digit HUC Code, latitude/longitude coordinates;
  - Identify any surface water to be impacted that is designated by the Kentucky Division of Water as an Outstanding State or National Resource Water, Cold Water Habitat, or Exceptional Water (<a href="http://eppcapp.ky.gov/spwaters/">http://eppcapp.ky.gov/spwaters/</a>);
  - c) Stream flow regime (perennial, intermittent or ephemeral);
  - d) Wetland Type (National Wetland Inventory classification and/or emergent wetland, scrub-shrub, or forested);
  - e) Proposed type of crossing, including utility line [trenching, directional boring/horizontal directional drilling, pipe bursting, and Pipe Lining or Cured-in-place (CIPP)], access roads, headwalls, associated bank stabilization areas, substations, pole or tower foundations, maintenance corridor, and staging areas;
  - f) Specify temporary, permanent or no impacts in linear ft. (length of bank disturbance) or wetland acreage;
  - g) Stream (linear feet of stream bank impacted) or Wetland (acre(s) impacted.
  - h) Construction and Maintenance Corridor Impact (linear feet)- Construction and maintenance corridors shall not exceed 50 feet of bank disturbance in order to meet general water quality certification condition #4 for Nationwide Permit #12.
  - i) Photograph Number/ID Pictures should also be taken at all of the crossing locations.
  - 6. A typical cross-section of any utility line crossing.

Table 1: Surface Waters Crossed by the Proposed Project

Surface Water Name/ID	County	14 Digit HUC Code	Latitude & Longitude of Impact	Designation <sup>1</sup>	Stream Flow Regime <sup>2</sup>	Wetland Type <sup>3</sup>	Type of Crossing <sup>4</sup>	Temporary, Permanent or No Impact (T/P/N)	Stream (ft.) or Wetland Impact (ac.) <sup>5</sup>	Construction and Maintenance Corridor Impact (ft.) <sup>6</sup>	Photograph Number/ID

<sup>&</sup>lt;sup>1</sup> OSRW – Outstanding State Resource Water; ONRW – Outstanding National Resource Water, CAH – Coldwater Habitat, EXCW – Exceptional Waters

(401 KAR 10:031 Sections 1, 4, and 8). These designations can be found here: <a href="http://eppcapp.ky.gov/spwaters/">http://eppcapp.ky.gov/spwaters/</a> and are updated regularly so consult the website for every proposed activity.

<sup>&</sup>lt;sup>2</sup> Indicate whether the stream is perennial, intermittent or ephemeral.

<sup>3.</sup> Indicate National Wetland Inventory classification and/or emergent, scrub-shrub or forested.

<sup>4.</sup> Indicate all types of crossings, including utility line [trenching, directional boring/horizontal directional drilling, pipe bursting, and Pipe Lining or Cured-in-place (CIPP)], access roads, headwalls, associated bank stabilization areas, substations, pole or tower foundations, maintenance corridor, and staging areas.

<sup>5.</sup> The length (in linear feet) of bank disturbed. For crossings, only one bank length is used in calculation.

<sup>&</sup>lt;sup>6</sup> Construction and maintenance corridors shall not exceed 50 feet of bank disturbance in order to meet general water quality certification condition #4 for Nationwide Permit #12.